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Number of Pages (including this page)

December 7, 2005

Date: December 7, 2005

To: Examiner: Wang, Leming
Art Unit: 2638

Location: United States Patent and Trademark Office

Fax No.: 571-273-8300

From: Attorney: Lawrence T. Cullen Reg. No. 44,489

Subject: Serial No. 10/774,308 Filed: 2/06/2004 Docket No. D03051

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MESSAGE:

Enclosed herewith, please find Revocation of Power of Attorney and Appointment of New Power of Attorney and Statement Under 37 CFR 3.37(b) for filing in the above-identified case.

PLEASE GIVE THESE PAPERS TO:

EXAMINER:	Wang, Leming
GROUP ART UNIT:	2638
ATTORNEY DOCKET NO.:	D03051

DEC 07 2005

REVOCATION OF POWER OF ATTORNEY AND APPOINTMENT OF NEW POWER OF ATTORNEY	Application Number	10/774,308
	Filing Date	02/06/2004
	First Named Inventor	Amarildo J.C. Vieira
	Art Unit	2638
	Examiner Name	Wang, Lerning
	Attorney Docket Number	D03051

I hereby revoke all previous powers of attorney given in the above-identified application:

A Power of Attorney is submitted herewith.

OR

I hereby appoint the practitioners at Customer Number : 000043471

Please change the correspondence address for the above-identified application to:

The address associated with Customer Number: 000043471

OR

Firm or Individual Name Motorola, Inc.
 Address 101 Tournament Drive
 Address
 City Horsham
 State PA Zip 19044
 Country United States of America
 Telephone 215-323-1907 Fax 215-323-1300

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name	Robert P. Marley, Assistant Secretary General Instrument Corporation
Signature	
Date	December 7, 2005

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

* Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

DEC 07 2005

STATEMENT UNDER 37 CFR 3.73 (b)

Applicant/Patent Owner: Amarildo J.C. Vieira
 Application No./Patent No.: 10/774,308 Filed/Issue Date: 2/06/2004
 Entitled: All Optical Wavelength Converter Circuit
General Instrument, a Corporation
Corporation
 (Name of Assignee) (Type of Assignee e.g., corporation, partnership, university, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.
 The extent (by, percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____ or for which a copy thereof is attached.
2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____ or for which a copy thereof is attached.
3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____ or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

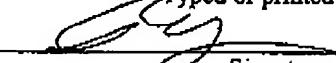
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

December 7, 2005

Date

Robert P. Marley

Typed or printed name



Signature

Assistant Secretary

Title

Express Mail Label No. EV163884186US

Attorney Docket No. 10622-43US
JOINT

ASSIGNMENT

WHEREAS, we, Amarildo J.C. Vieira, Mani Ramachandran and Arthur Paoella, with respective post office addresses and citizenships of:

1. 490 East Abington Avenue
Philadelphia, Pennsylvania 19118
Citizen of Brazil;
2. 2451 Pacific Rim Lane
San Jose, California 95121
Citizen of Republic of India; and
3. 2112 Buckingham Drive
Jamison, Pennsylvania 18929
Citizen of the United States of America,

hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

ALL-OPTICAL WAVELENGTH CONVERTER CIRCUIT

for which we have executed a United States patent application, Application No. _____, filed _____, 2003, and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

WHEREAS, General Instrument Corporation, a Delaware corporation having a place of business at 101 Tournament Drive, Horsham, Pennsylvania 19044, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals,

divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

09/18/2003

(Date)

Amarildo J.C. Vieira

Amarildo J.C. Vieira

(Date)

Mani Ramachandran

(Date)

Arthur Paolella

COMMONWEALTH OF Pennsylvania

:

: ss.

COUNTY OF Montgomery

:

Before me, a notary public in and for the Commonwealth and County aforesaid, on this 16 day of September, 2003, personally appeared Amarildo J.C. Vieira, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Carol J. Smith
Notary Public

My Commission Expires:

Notarial Seal
Carol J. Smith, Notary Public
Horsham Twp., Montgomery County
My Commission Expires June 22, 2006
Member, Pennsylvania Association Of Notaries

divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

(Date)	Amarildo J.C. Vieira
<i>9th Sept 2004</i>	<i>Mani Ramachandran</i>
(Date)	Mani Ramachandran
(Date)	Arthur Paolella

Witness for Mani Ramachandran:

Matthew G. Aquilar 6/9/04
Printed Name Date

Matthew G. Aquilar 6/9/04
Signature Date

divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

(Date)	Amarildo J.C. Vieira
(Date)	Mani Ramachandran
1/14/04 (Date)	Arthur Paolella

COMMONWEALTH OF _____
COUNTY OF _____

Before me, a notary public in and for the Commonwealth and County aforesaid, on this _____ day of _____, 2003, personally appeared Amarildo J.C. Vieira, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public

My Commission Expires:

Attorney Docket No. 10622-43US

DECLARATION AND POWER OF ATTORNEY
(Original Application)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ALL-OPTICAL WAVELENGTH CONVERTER CIRCUIT

the specification of which is attached hereto and/or was filed on _____ as Application No. _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to herein.

I acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

FOREIGN PRIORITY APPLICATION(S)

			Priority Claimed
			[] Yes [] No
None			
(Number)	(Country)	(Day/month/year filed)	

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional patent application(s) listed below and have also identified below any United States provisional patent application(s) having a filing date before that of the application on which priority is claimed:

PROVISIONAL PRIORITY PATENT APPLICATION(S)

None
(Application No.)

Priority Claimed
[] Yes [] No

(Filing Date)

And I hereby appoint the registered attorneys and agents associated with **AKIN GUMP STRAUSS HAUER & FELD LLP**, Customer No. 000570, as my attorneys or agents with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to Customer No. 000570, namely, **AKIN GUMP STRAUSS HAUER & FELD LLP**, One Commerce Square, 2005 Market Street, Suite 2200, Philadelphia, Pennsylvania 19103-7013. Please direct all communications and telephone calls to **Clark A. Jablon, Esquire** at 215-965-1293.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first or sole inventor Amarildo J.C. Vieira

Inventor's Signature Amarildo J.C. Vieira

Date 09/18/2003

Residence Philadelphia, Pennsylvania

Citizenship Brazil

Post Office Address 490 East Abington Avenue, Philadelphia, Pennsylvania 19118

Full name of second joint inventor Mani Ramachandran

Inventor's Signature Mani Ramachandran

Date 4th June, 2004

Residence San Jose, California

Citizenship Republic of India

Post Office Address 2451 Pacific Rim Lane, San Jose, California 95121

Full name of third joint inventor Arthur Paoella

Inventor's Signature

Date

Residence Jamison, Pennsylvania

Citizenship United States of America

Post Office Address 2112 Buckingham Drive, Jamison, Pennsylvania 18929

Full name of second joint inventor Mani Ramachandran

Inventor's Signature

Date

Residence San Jose, California

Citizenship Republic of India

Post Office Address 2451 Pacific Rim Lane, San Jose, California 95121

Full name of third joint inventor Arthur Pagella

Inventor's Signature 

Date 1/14/04

Residence Jamison, Pennsylvania

Citizenship United States of America

Post Office Address 2112 Buckingham Drive, Jamison, Pennsylvania 18929